

APPENDIX F | DETAILED UNIT BY UNIT IMPACTS

APPENDIX F-1. DETAILED IMPACTS TO ALL ACTIVITIES

Final Economic Analysis - October 31, 2006

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
Proposed Critical Habitat																
UNIT 1: MAINE																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$303,000	\$307,000	\$247,000	\$250,000	\$192,000	\$194,000	\$16,600	\$16,800	\$18,100	\$18,300
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$2,210,000	\$13,600,000	\$2,030,000	\$8,390,000	\$1,820,000	\$9,220,000	\$136,000	\$564,000	\$172,000	\$871,000
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$260,000	\$205,000	\$209,000	\$156,000	\$159,000	\$13,800	\$14,100	\$14,800	\$15,000
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$1,410,000	\$1,270,000	\$1,280,000	\$1,130,000	\$1,140,000	\$85,600	\$85,900	\$107,000	\$107,000
Private Timber Lands	\$2,150,000	\$2,210,000	\$2,380,000	\$2,450,000	\$2,740,000	\$2,810,000	\$39,000,000	\$253,000,000	\$35,700,000	\$155,000,000	\$32,100,000	\$171,000,000	\$2,300,000	\$10,400,000	\$2,970,000	\$16,100,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$6,780,000	\$7,090,000	\$3,600,000	\$3,740,000	\$3,090,000	\$3,200,000	\$242,000	\$252,000	\$292,000	\$302,000
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$15,600,000	\$35,600,000	\$12,200,000	\$25,500,000	\$9,210,000	\$21,300,000	\$818,000	\$1,710,000	\$869,000	\$2,010,000
Subtotal Unit 1	\$2,150,000	\$2,210,000	\$2,380,000	\$2,450,000	\$2,740,000	\$2,810,000	\$65,600,000	\$311,000,000	\$55,200,000	\$195,000,000	\$47,700,000	\$206,000,000	\$3,610,000	\$13,000,000	\$4,440,000	\$19,400,000
UNIT 2: MINNESOTA																
Superior National Forest	\$803,000	\$887,000	\$858,000	\$954,000	\$938,000	\$1,050,000	\$10,000,000	\$50,600,000	\$7,570,000	\$26,200,000	\$5,520,000	\$7,030,000	\$509,000	\$1,760,000	\$521,000	\$664,000
Minnesota Dept. of Natural Resources	\$109,000	\$138,000	\$117,000	\$148,000	\$128,000	\$162,000	\$6,450,000	\$49,100,000	\$5,310,000	\$24,700,000	\$4,290,000	\$5,500,000	\$357,000	\$1,660,000	\$405,000	\$519,000
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$17,700,000	\$18,900,000	\$17,600,000	\$18,300,000	\$17,600,000	\$17,900,000	\$540,000	\$577,000	\$1,240,000	\$1,260,000
Private Mining Lands	\$67,500	\$67,500	\$72,800	\$72,800	\$80,500	\$80,500	\$11,900,000	\$13,900,000	\$11,900,000	\$13,900,000	\$11,900,000	\$13,900,000	\$357,000	\$419,000	\$831,000	\$975,000
Unknown Landowner	\$66,500	\$66,500	\$71,700	\$71,700	\$79,300	\$79,300	\$642,000,000	\$766,000,000	\$640,000,000	\$723,000,000	\$638,000,000	\$689,000,000	\$19,600,000	\$23,400,000	\$44,900,000	\$48,500,000
Subtotal Unit 2	\$1,050,000	\$1,160,000	\$1,120,000	\$1,250,000	\$1,230,000	\$1,380,000	\$689,000,000	\$899,000,000	\$683,000,000	\$806,000,000	\$677,000,000	\$734,000,000	\$21,400,000	\$27,800,000	\$47,900,000	\$52,000,000
UNIT 3: NORTHERN ROCKY MOUNTAINS																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$552,000	\$557,000	\$494,000	\$498,000	\$438,000	\$441,000	\$23,400	\$23,600	\$34,900	\$35,200
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$246	\$246	\$246	\$246	\$246	\$246	\$7	\$7	\$17	\$17
U.S. Bureau of Land Management	\$68,000	\$68,000	\$73,300	\$73,300	\$81,100	\$81,100	\$257,000	\$262,000	\$202,000	\$207,000	\$150,000	\$153,000	\$13,500	\$13,800	\$14,100	\$14,400
Montana Dept. of Natural Resources	\$306,000	\$306,000	\$336,000	\$336,000	\$381,000	\$381,000	\$44,200,000	\$44,300,000	\$11,600,000	\$11,600,000	\$744,000	\$799,000	\$775,000	\$778,000	\$68,300	\$72,900
Montana Fish, Wildlife, and Parks	\$300	\$501	\$318	\$532	\$344	\$574	\$2,650,000	\$2,670,000	\$2,580,000	\$2,600,000	\$2,520,000	\$2,530,000	\$174,000	\$175,000	\$238,000	\$239,000
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$725,000	\$6,920,000	\$578,000	\$2,100,000	\$445,000	\$501,000	\$38,800	\$141,000	\$42,000	\$47,200
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000	\$230,000	\$182,000	\$258,000	\$135,000	\$272,000	\$12,200	\$17,300	\$12,800	\$25,600
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$163	\$5	\$163	\$5	\$163	\$0	\$5	\$0	\$11
Private Timber Lands	\$67,000	\$67,000	\$72,200	\$72,200	\$79,900	\$79,900	\$6,420,000	\$132,000,000	\$6,110,000	\$39,200,000	\$5,790,000	\$8,130,000	\$285,000	\$2,340,000	\$464,000	\$574,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$666,000	\$1,200,000	\$576,000	\$1,100,000	\$490,000	\$1,010,000	\$34,300	\$51,000	\$43,400	\$80,400
Unknown landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$50,700,000	\$240,000,000	\$49,200,000	\$100,000,000	\$47,900,000	\$52,100,000	\$1,750,000	\$4,910,000	\$3,500,000	\$3,730,000
Subtotal Unit 3	\$441,000	\$441,000	\$482,000	\$482,000	\$543,000	\$543,000	\$106,000,000	\$428,000,000	\$71,500,000	\$158,000,000	\$58,600,000	\$66,000,000	\$3,110,000	\$8,450,000	\$4,410,000	\$4,820,000
UNIT 4: NORTH CASCADES																
Washington Dept of Fish and Wildlife	\$60,000	\$60,000	\$66,600	\$66,600	\$76,500	\$76,500	\$20,000	\$180,000	\$19,700	\$134,000	\$19,300	\$94,000	\$1,320	\$8,980	\$1,830	\$8,870
Washington Dept of Natural Resources	\$7,150,000	\$7,150,000	\$7,950,000	\$7,950,000	\$9,140,000	\$9,140,000	\$21,000,000	\$21,100,000	\$21,600,000	\$21,600,000	\$22,400,000	\$22,400,000	\$1,450,000	\$1,450,000	\$2,110,000	\$2,110,000
Unknown Private Landowners	\$9,500	\$9,500	\$10,200	\$10,200	\$11,300	\$11,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Unit 4	\$7,220,000	\$7,220,000	\$8,030,000	\$8,030,000	\$9,230,000	\$9,230,000	\$21,100,000	\$21,200,000	\$21,600,000	\$21,800,000	\$22,400,000	\$22,500,000	\$1,450,000	\$1,460,000	\$2,110,000	\$2,120,000
SUBTOTAL AREAS PROPOSED FOR DESIGNATION	\$10,900,000	\$11,000,000	\$12,000,000	\$12,200,000	\$13,700,000	\$14,000,000	\$882,000,000	\$1,660,000,000	\$831,000,000	\$1,180,000,000	\$806,000,000	\$1,030,000,000	\$29,600,000	\$50,700,000	\$58,900,000	\$78,300,000

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal lands	\$60,800	\$60,800	\$64,900	\$64,900	\$70,800	\$70,800	\$283,000	\$2,380,000	\$231,000	\$1,210,000	\$187,000	\$912,000	\$15,600	\$81,200	\$17,700	\$86,100
<i>Subtotal Unit 1</i>	<i>\$60,800</i>	<i>\$60,800</i>	<i>\$64,900</i>	<i>\$64,900</i>	<i>\$70,800</i>	<i>\$70,800</i>	<i>\$283,000</i>	<i>\$2,380,000</i>	<i>\$231,000</i>	<i>\$1,210,000</i>	<i>\$187,000</i>	<i>\$912,000</i>	<i>\$15,600</i>	<i>\$81,200</i>	<i>\$17,700</i>	<i>\$86,100</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$60,100	\$60,100	\$66,400	\$66,400	\$75,700	\$75,700	\$1,100,000	\$1,110,000	\$995,000	\$1,000,000	\$885,000	\$890,000	\$66,900	\$67,400	\$83,500	\$84,000
Tribal Lands	\$85,500	\$85,500	\$92,200	\$92,200	\$102,000	\$102,000	\$1,530,000	\$2,430,000	\$1,170,000	\$1,860,000	\$870,000	\$1,380,000	\$78,800	\$125,000	\$82,100	\$130,000
<i>Subtotal Unit 2</i>	<i>\$146,000</i>	<i>\$146,000</i>	<i>\$159,000</i>	<i>\$159,000</i>	<i>\$178,000</i>	<i>\$178,000</i>	<i>\$2,630,000</i>	<i>\$3,540,000</i>	<i>\$2,170,000</i>	<i>\$2,860,000</i>	<i>\$1,750,000</i>	<i>\$2,270,000</i>	<i>\$146,000</i>	<i>\$192,000</i>	<i>\$166,000</i>	<i>\$214,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$958,000	\$1,260,000	\$1,030,000	\$1,360,000	\$1,140,000	\$1,510,000	\$6,720,000	\$6,970,000	\$6,070,000	\$6,260,000	\$5,410,000	\$5,560,000	\$408,000	\$421,000	\$511,000	\$524,000
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$256,000	\$260,000	\$230,000	\$233,000	\$202,000	\$204,000	\$15,500	\$15,600	\$19,100	\$19,300
<i>Subtotal Unit 3</i>	<i>\$958,000</i>	<i>\$1,260,000</i>	<i>\$1,030,000</i>	<i>\$1,360,000</i>	<i>\$1,140,000</i>	<i>\$1,510,000</i>	<i>\$6,970,000</i>	<i>\$7,230,000</i>	<i>\$6,300,000</i>	<i>\$6,500,000</i>	<i>\$5,620,000</i>	<i>\$5,760,000</i>	<i>\$424,000</i>	<i>\$437,000</i>	<i>\$530,000</i>	<i>\$544,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$141,000	\$141,000	\$151,000	\$151,000	\$164,000	\$164,000	\$550,000	\$550,000	\$476,000	\$476,000	\$401,000	\$401,000	\$32,000	\$32,000	\$37,900	\$37,900
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$433,000	\$433,000	\$367,000	\$367,000	\$302,000	\$302,000	\$24,700	\$24,700	\$28,500	\$28,500
<i>Subtotal Unit 4</i>	<i>\$141,000</i>	<i>\$141,000</i>	<i>\$151,000</i>	<i>\$151,000</i>	<i>\$164,000</i>	<i>\$164,000</i>	<i>\$983,000</i>	<i>\$983,000</i>	<i>\$844,000</i>	<i>\$844,000</i>	<i>\$703,000</i>	<i>\$703,000</i>	<i>\$56,700</i>	<i>\$56,700</i>	<i>\$66,400</i>	<i>\$66,400</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$1,310,000</i>	<i>\$1,610,000</i>	<i>\$1,410,000</i>	<i>\$1,740,000</i>	<i>\$1,560,000</i>	<i>\$1,920,000</i>	<i>\$10,900,000</i>	<i>\$14,100,000</i>	<i>\$9,540,000</i>	<i>\$11,400,000</i>	<i>\$8,260,000</i>	<i>\$9,640,000</i>	<i>\$641,000</i>	<i>\$767,000</i>	<i>\$780,000</i>	<i>\$910,000</i>

APPENDIX F-2. DETAILED IMPACTS TO TIMBER ACTIVITIES

Final Economic Analysis - October 31, 2006

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,300,000	\$0	\$6,270,000	\$0	\$7,330,000	\$0	\$421,000	\$0	\$692,000
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$31,100,000	\$240,000,000	\$28,900,000	\$145,000,000	\$26,400,000	\$163,000,000	\$1,940,000	\$9,760,000	\$2,490,000	\$15,300,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$5,170,000	\$5,460,000	\$2,140,000	\$2,260,000	\$1,780,000	\$1,880,000	\$144,000	\$152,000	\$168,000	\$178,000
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$1,640,000	\$11,200,000	\$1,500,000	\$6,840,000	\$1,340,000	\$7,590,000	\$101,000	\$460,000	\$126,000	\$717,000
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$37,900,000</i>	<i>\$268,000,000</i>	<i>\$32,500,000</i>	<i>\$161,000,000</i>	<i>\$29,500,000</i>	<i>\$179,000,000</i>	<i>\$2,190,000</i>	<i>\$10,800,000</i>	<i>\$2,780,000</i>	<i>\$16,900,000</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$180,000	\$180,000	\$187,000	\$187,000	\$197,000	\$197,000	\$3,500,000	\$42,000,000	\$2,680,000	\$19,800,000	\$1,980,000	\$2,500,000	\$180,000	\$1,330,000	\$187,000	\$236,000
Minnesota Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,300,000	\$0	\$18,400,000	\$0	\$558,000	\$0	\$1,240,000	\$0	\$52,600
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$295,000	\$1,280,000	\$243,000	\$681,000	\$191,000	\$204,000	\$16,300	\$45,800	\$18,000	\$19,300
Private Mining Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$5,320,000	\$77,700,000	\$4,920,000	\$37,200,000	\$4,460,000	\$5,440,000	\$331,000	\$2,500,000	\$421,000	\$514,000
<i>Subtotal Unit 2</i>	<i>\$180,000</i>	<i>\$180,000</i>	<i>\$187,000</i>	<i>\$187,000</i>	<i>\$197,000</i>	<i>\$197,000</i>	<i>\$9,120,000</i>	<i>\$162,000,000</i>	<i>\$7,840,000</i>	<i>\$76,100,000</i>	<i>\$6,640,000</i>	<i>\$8,710,000</i>	<i>\$527,000</i>	<i>\$5,110,000</i>	<i>\$627,000</i>	<i>\$822,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Land Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montana Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000,000	\$43,000,000	\$10,600,000	\$10,600,000	\$0	\$0	\$714,000	\$714,000	\$0	\$0
Montana Fish, Wildlife, and Parks	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,100,000	\$0	\$1,450,000	\$0	\$0	\$0	\$97,100	\$0	\$0
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,900	\$0	\$136,000	\$0	\$5,100	\$0	\$12,900
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$2,680,000	\$123,000,000	\$2,460,000	\$31,000,000	\$2,220,000	\$0	\$165,000	\$2,090,000	\$209,000	\$0
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$3,920,000	\$185,000,000	\$3,610,000	\$46,600,000	\$3,270,000	\$0	\$243,000	\$3,130,000	\$309,000	\$0
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$49,600,000</i>	<i>\$358,000,000</i>	<i>\$16,700,000</i>	<i>\$89,800,000</i>	<i>\$5,490,000</i>	<i>\$136,000</i>	<i>\$1,120,000</i>	<i>\$6,030,000</i>	<i>\$518,000</i>	<i>\$12,900</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept of Fish and Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Washington Dept of Natural Resources	\$6,140,000	\$6,140,000	\$6,820,000	\$6,820,000	\$7,840,000	\$7,840,000	\$20,500,000	\$20,500,000	\$21,100,000	\$21,100,000	\$21,900,000	\$21,900,000	\$1,420,000	\$1,420,000	\$2,070,000	\$2,070,000
Unknown Private Landowners	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$6,140,000</i>	<i>\$6,140,000</i>	<i>\$6,820,000</i>	<i>\$6,820,000</i>	<i>\$7,840,000</i>	<i>\$7,840,000</i>	<i>\$20,500,000</i>	<i>\$20,500,000</i>	<i>\$21,100,000</i>	<i>\$21,100,000</i>	<i>\$21,900,000</i>	<i>\$21,900,000</i>	<i>\$1,420,000</i>	<i>\$1,420,000</i>	<i>\$2,070,000</i>	<i>\$2,070,000</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$6,320,000</i>	<i>\$6,320,000</i>	<i>\$7,010,000</i>	<i>\$7,010,000</i>	<i>\$8,030,000</i>	<i>\$8,030,000</i>	<i>\$117,000,000</i>	<i>\$809,000,000</i>	<i>\$78,100,000</i>	<i>\$348,000,000</i>	<i>\$63,500,000</i>	<i>\$210,000,000</i>	<i>\$5,250,000</i>	<i>\$23,400,000</i>	<i>\$6,000,000</i>	<i>\$19,800,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>SUBTOTAL AREAS CONSIDERED FOR EXCLUSION</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>

Notes: For Unit 3, impacts at 7 percent calculated to be less than zero are shown as zero, assuming that this discount rate understates results.

Estimates are impacts of pre-commercial thinning restriction, modeled over 100 years, then annualized to get impacts over 20-year period.

APPENDIX F-3. DETAILED IMPACTS TO DEVELOPMENT ACTIVITIES

Final Economic Analysis - October 31, 2006

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530,000	\$2,530,000	\$2,530,000	\$2,530,000	\$2,530,000	\$2,530,000	\$75,800	\$75,800	\$177,000	\$177,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$2,530,000</i>	<i>\$2,530,000</i>	<i>\$2,530,000</i>	<i>\$2,530,000</i>	<i>\$2,530,000</i>	<i>\$2,530,000</i>	<i>\$75,800</i>	<i>\$75,800</i>	<i>\$177,000</i>	<i>\$177,000</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Minnesota Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$17,400,000	\$17,600,000	\$17,400,000	\$17,600,000	\$17,400,000	\$17,600,000	\$521,000	\$529,000	\$1,220,000	\$1,230,000
Private Mining Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$11,900,000	\$13,900,000	\$11,900,000	\$13,900,000	\$11,900,000	\$13,900,000	\$356,000	\$417,000	\$830,000	\$973,000
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$629,000,000	\$678,000,000	\$629,000,000	\$678,000,000	\$629,000,000	\$678,000,000	\$18,900,000	\$20,300,000	\$44,000,000	\$47,500,000
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$658,000,000</i>	<i>\$709,000,000</i>	<i>\$658,000,000</i>	<i>\$709,000,000</i>	<i>\$658,000,000</i>	<i>\$709,000,000</i>	<i>\$19,700,000</i>	<i>\$21,300,000</i>	<i>\$46,100,000</i>	<i>\$49,700,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$264,000	\$265,000	\$264,000	\$265,000	\$264,000	\$265,000	\$7,930	\$7,940	\$18,500	\$18,500
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$246	\$246	\$246	\$246	\$246	\$246	\$7	\$7	\$17	\$17
U.S. Bureau of Land Management	\$0	\$0	\$0	\$0	\$0	\$0	\$1,240	\$2,800	\$1,240	\$2,800	\$1,240	\$2,800	\$37	\$84	\$87	\$196
Montana Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$82,700	\$105,000	\$82,700	\$105,000	\$82,700	\$105,000	\$2,480	\$3,150	\$5,790	\$7,350
Montana Fish, Wildlife, and Parks	\$0	\$0	\$0	\$0	\$0	\$0	\$3,590	\$3,590	\$3,590	\$3,590	\$3,590	\$3,590	\$108	\$108	\$251	\$251
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$1,190	\$1,190	\$1,190	\$1,190	\$1,190	\$1,190	\$36	\$36	\$83	\$83
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$163	\$5	\$163	\$5	\$163	\$0	\$5	\$0	\$11
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$3,370,000	\$7,910,000	\$3,370,000	\$7,910,000	\$3,370,000	\$7,910,000	\$101,000	\$237,000	\$236,000	\$554,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$118,000	\$625,000	\$118,000	\$625,000	\$118,000	\$625,000	\$3,550	\$18,700	\$8,280	\$43,700
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$41,800,000	\$48,600,000	\$41,800,000	\$48,600,000	\$41,800,000	\$48,600,000	\$1,250,000	\$1,460,000	\$2,930,000	\$3,400,000
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$45,700,000</i>	<i>\$57,600,000</i>	<i>\$45,700,000</i>	<i>\$57,600,000</i>	<i>\$45,700,000</i>	<i>\$57,600,000</i>	<i>\$1,370,000</i>	<i>\$1,730,000</i>	<i>\$3,200,000</i>	<i>\$4,030,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept of Fish and Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Washington Dept of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Private Landowners	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$706,000,000</i>	<i>\$770,000,000</i>	<i>\$706,000,000</i>	<i>\$770,000,000</i>	<i>\$706,000,000</i>	<i>\$770,000,000</i>	<i>\$21,200,000</i>	<i>\$23,100,000</i>	<i>\$49,400,000</i>	<i>\$53,900,000</i>

[illegible]

APPENDIX F-4. DETAILED IMPACTS TO RECREATION ACTIVITIES

Final Economic Analysis - October 31, 2006

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,770	\$0	\$2,800	\$0	\$1,980	\$0	\$188	\$0	\$187
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,000	\$0	\$96,800	\$0	\$68,600	\$0	\$6,500	\$0	\$6,470
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,720	\$0	\$4,240	\$0	\$3,000	\$0	\$285	\$0	\$284
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,350	\$0	\$3,960	\$0	\$2,810	\$0	\$266	\$0	\$265
Private Timber Lands	\$300,000	\$360,000	\$333,000	\$400,000	\$383,000	\$459,000	\$1,000,000	\$2,550,000	\$766,000	\$1,920,000	\$567,000	\$1,390,000	\$51,500	\$129,000	\$53,500	\$131,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,100	\$0	\$23,000	\$0	\$16,300	\$0	\$1,550	\$0	\$1,540
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,000	\$0	\$157,000	\$0	\$111,000	\$0	\$10,500	\$0	\$10,500
<i>Subtotal Unit 1</i>	<i>\$300,000</i>	<i>\$360,000</i>	<i>\$333,000</i>	<i>\$400,000</i>	<i>\$383,000</i>	<i>\$459,000</i>	<i>\$1,000,000</i>	<i>\$2,940,000</i>	<i>\$766,000</i>	<i>\$2,210,000</i>	<i>\$567,000</i>	<i>\$1,590,000</i>	<i>\$51,500</i>	<i>\$148,000</i>	<i>\$53,500</i>	<i>\$150,000</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,900	\$0	\$41,800	\$0	\$30,000	\$0	\$2,810	\$0	\$2,830
Minnesota Dept. of Natural Resources	\$300	\$501	\$318	\$532	\$344	\$574	\$24,100	\$85,400	\$23,600	\$69,500	\$23,200	\$56,200	\$1,590	\$4,670	\$2,190	\$5,300
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,010	\$0	\$1,500	\$0	\$1,080	\$0	\$101	\$0	\$102
Private Mining Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,620	\$0	\$1,210	\$0	\$867	\$0	\$81	\$0	\$82
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$107,000	\$0	\$80,400	\$0	\$57,700	\$0	\$5,400	\$0	\$5,440
<i>Subtotal Unit 2</i>	<i>\$300</i>	<i>\$501</i>	<i>\$318</i>	<i>\$532</i>	<i>\$344</i>	<i>\$574</i>	<i>\$24,100</i>	<i>\$252,000</i>	<i>\$23,600</i>	<i>\$194,000</i>	<i>\$23,200</i>	<i>\$146,000</i>	<i>\$1,590</i>	<i>\$13,100</i>	<i>\$2,190</i>	<i>\$13,800</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Land Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montana Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,500	\$0	\$10,800	\$0	\$7,710	\$0	\$725	\$0	\$728
Montana Fish, Wildlife, and Parks	\$300	\$501	\$318	\$532	\$344	\$574	\$2,000	\$17,800	\$1,530	\$13,300	\$1,130	\$9,600	\$103	\$897	\$107	\$907
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,500	\$0	\$10,800	\$0	\$7,710	\$0	\$725	\$0	\$728
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,500	\$0	\$10,800	\$0	\$7,710	\$0	\$725	\$0	\$728
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 3</i>	<i>\$300</i>	<i>\$501</i>	<i>\$318</i>	<i>\$532</i>	<i>\$344</i>	<i>\$574</i>	<i>\$2,000</i>	<i>\$61,200</i>	<i>\$1,530</i>	<i>\$45,700</i>	<i>\$1,130</i>	<i>\$32,700</i>	<i>\$103</i>	<i>\$3,070</i>	<i>\$107</i>	<i>\$3,090</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept of Fish and Wildlife	\$60,000	\$60,000	\$66,600	\$66,600	\$76,500	\$76,500	\$20,000	\$180,000	\$19,700	\$134,000	\$19,300	\$94,000	\$1,320	\$8,980	\$1,830	\$8,870
Washington Dept of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,700	\$0	\$23,100	\$0	\$16,100	\$0	\$1,550	\$0	\$1,520
Unknown Private Landowners	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$60,000</i>	<i>\$60,000</i>	<i>\$66,600</i>	<i>\$66,600</i>	<i>\$76,500</i>	<i>\$76,500</i>	<i>\$20,000</i>	<i>\$212,000</i>	<i>\$19,700</i>	<i>\$157,000</i>	<i>\$19,300</i>	<i>\$110,000</i>	<i>\$1,320</i>	<i>\$10,500</i>	<i>\$1,830</i>	<i>\$10,400</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$361,000</i>	<i>\$421,000</i>	<i>\$400,000</i>	<i>\$467,000</i>	<i>\$460,000</i>	<i>\$537,000</i>	<i>\$1,050,000</i>	<i>\$3,460,000</i>	<i>\$811,000</i>	<i>\$2,600,000</i>	<i>\$610,000</i>	<i>\$1,880,000</i>	<i>\$54,500</i>	<i>\$175,000</i>	<i>\$57,600</i>	<i>\$178,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,700	\$0	\$7,970	\$0	\$5,720	\$0	\$536	\$0	\$540
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$10,700</i>	<i>\$0</i>	<i>\$7,970</i>	<i>\$0</i>	<i>\$5,720</i>	<i>\$0</i>	<i>\$536</i>	<i>\$0</i>	<i>\$540</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$10,700</i>	<i>\$0</i>	<i>\$7,970</i>	<i>\$0</i>	<i>\$5,720</i>	<i>\$0</i>	<i>\$536</i>	<i>\$0</i>	<i>\$540</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$284,000	\$284,000	\$232,000	\$232,000	\$181,000	\$181,000	\$15,600	\$15,600	\$17,100	\$17,100
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$2,210,000	\$2,210,000	\$2,030,000	\$2,030,000	\$1,820,000	\$1,820,000	\$136,000	\$136,000	\$172,000	\$172,000
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$255,000	\$205,000	\$205,000	\$156,000	\$156,000	\$13,800	\$13,800	\$14,800	\$14,800
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$1,400,000	\$1,270,000	\$1,270,000	\$1,130,000	\$1,130,000	\$85,600	\$85,600	\$107,000	\$107,000
Private Timber Lands	\$1,850,000	\$1,850,000	\$2,050,000	\$2,050,000	\$2,350,000	\$2,350,000	\$450,000	\$450,000	\$437,000	\$437,000	\$421,000	\$421,000	\$29,400	\$29,400	\$39,800	\$39,800
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$1,610,000	\$1,610,000	\$1,460,000	\$1,460,000	\$1,310,000	\$1,310,000	\$98,300	\$98,300	\$123,000	\$123,000
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$1,850,000</i>	<i>\$1,850,000</i>	<i>\$2,050,000</i>	<i>\$2,050,000</i>	<i>\$2,350,000</i>	<i>\$2,350,000</i>	<i>\$6,210,000</i>	<i>\$6,210,000</i>	<i>\$5,640,000</i>	<i>\$5,640,000</i>	<i>\$5,020,000</i>	<i>\$5,020,000</i>	<i>\$379,000</i>	<i>\$379,000</i>	<i>\$474,000</i>	<i>\$474,000</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$57,100	\$86,100	\$62,600	\$93,500	\$70,600	\$104,000	\$10,400	\$20,800	\$10,200	\$20,400	\$9,950	\$19,900	\$686	\$1,370	\$939	\$1,880
Minnesota Dept. of Natural Resources	\$40,400	\$69,300	\$43,000	\$73,900	\$46,600	\$80,200	\$3,240,000	\$3,250,000	\$2,970,000	\$2,980,000	\$2,670,000	\$2,680,000	\$200,000	\$200,000	\$252,000	\$253,000
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Mining Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 2</i>	<i>\$97,500</i>	<i>\$155,000</i>	<i>\$106,000</i>	<i>\$167,000</i>	<i>\$117,000</i>	<i>\$184,000</i>	<i>\$3,250,000</i>	<i>\$3,280,000</i>	<i>\$2,980,000</i>	<i>\$3,000,000</i>	<i>\$2,680,000</i>	<i>\$2,700,000</i>	<i>\$200,000</i>	<i>\$202,000</i>	<i>\$253,000</i>	<i>\$255,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$254,000	\$254,000	\$204,000	\$204,000	\$156,000	\$156,000	\$13,700	\$13,700	\$14,700	\$14,700
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Land Management	\$0	\$0	\$0	\$0	\$0	\$0	\$226,000	\$226,000	\$179,000	\$179,000	\$132,000	\$132,000	\$12,000	\$12,000	\$12,500	\$12,500
Montana Dept. of Natural Resources	\$306,000	\$306,000	\$336,000	\$336,000	\$381,000	\$381,000	\$944,000	\$944,000	\$745,000	\$745,000	\$575,000	\$575,000	\$50,100	\$50,100	\$54,300	\$54,300
Montana Fish, Wildlife, and Parks	\$0	\$0	\$0	\$0	\$0	\$0	\$343,000	\$343,000	\$288,000	\$288,000	\$232,000	\$232,000	\$19,300	\$19,300	\$21,900	\$21,900
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$294,000	\$294,000	\$238,000	\$238,000	\$19,800	\$19,800	\$22,400	\$22,400
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000	\$230,000	\$182,000	\$182,000	\$135,000	\$135,000	\$12,200	\$12,200	\$12,800	\$12,800
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000	\$434,000	\$372,000	\$372,000	\$309,000	\$309,000	\$25,000	\$25,000	\$29,100	\$29,100
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 3</i>	<i>\$306,000</i>	<i>\$306,000</i>	<i>\$336,000</i>	<i>\$336,000</i>	<i>\$381,000</i>	<i>\$381,000</i>	<i>\$2,780,000</i>	<i>\$2,780,000</i>	<i>\$2,260,000</i>	<i>\$2,260,000</i>	<i>\$1,780,000</i>	<i>\$1,780,000</i>	<i>\$152,000</i>	<i>\$152,000</i>	<i>\$168,000</i>	<i>\$168,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept of Fish and Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Washington Dept of Natural Resources	\$1,010,000	\$1,010,000	\$1,130,000	\$1,130,000	\$1,310,000	\$1,310,000	\$557,000	\$557,000	\$517,000	\$517,000	\$471,000	\$471,000	\$34,700	\$34,700	\$44,500	\$44,500
Unknown Private Landowners	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$1,010,000</i>	<i>\$1,010,000</i>	<i>\$1,130,000</i>	<i>\$1,130,000</i>	<i>\$1,310,000</i>	<i>\$1,310,000</i>	<i>\$557,000</i>	<i>\$557,000</i>	<i>\$517,000</i>	<i>\$517,000</i>	<i>\$471,000</i>	<i>\$471,000</i>	<i>\$34,700</i>	<i>\$34,700</i>	<i>\$44,500</i>	<i>\$44,500</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$3,260,000</i>	<i>\$3,310,000</i>	<i>\$3,620,000</i>	<i>\$3,680,000</i>	<i>\$4,160,000</i>	<i>\$4,230,000</i>	<i>\$12,800,000</i>	<i>\$12,800,000</i>	<i>\$11,400,000</i>	<i>\$11,400,000</i>	<i>\$9,950,000</i>	<i>\$9,970,000</i>	<i>\$766,000</i>	<i>\$767,000</i>	<i>\$939,000</i>	<i>\$941,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$41,100	\$41,100	\$45,900	\$45,900	\$53,000	\$53,000	\$1,080,000	\$1,080,000	\$981,000	\$981,000	\$874,000	\$874,000	\$65,900	\$65,900	\$82,500	\$82,500
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 2</i>	<i>\$41,100</i>	<i>\$41,100</i>	<i>\$45,900</i>	<i>\$45,900</i>	<i>\$53,000</i>	<i>\$53,000</i>	<i>\$1,080,000</i>	<i>\$1,080,000</i>	<i>\$981,000</i>	<i>\$981,000</i>	<i>\$874,000</i>	<i>\$874,000</i>	<i>\$65,900</i>	<i>\$65,900</i>	<i>\$82,500</i>	<i>\$82,500</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$909,000	\$1,210,000	\$982,000	\$1,310,000	\$1,090,000	\$1,450,000	\$5,720,000	\$5,720,000	\$5,320,000	\$5,320,000	\$4,860,000	\$4,860,000	\$357,000	\$357,000	\$459,000	\$459,000
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$227,000	\$227,000	\$208,000	\$208,000	\$186,000	\$186,000	\$14,000	\$14,000	\$17,600	\$17,600
<i>Subtotal Unit 3</i>	<i>\$909,000</i>	<i>\$1,210,000</i>	<i>\$982,000</i>	<i>\$1,310,000</i>	<i>\$1,090,000</i>	<i>\$1,450,000</i>	<i>\$5,950,000</i>	<i>\$5,950,000</i>	<i>\$5,520,000</i>	<i>\$5,520,000</i>	<i>\$5,050,000</i>	<i>\$5,050,000</i>	<i>\$371,000</i>	<i>\$371,000</i>	<i>\$476,000</i>	<i>\$476,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$141,000	\$141,000	\$151,000	\$151,000	\$164,000	\$164,000	\$531,000	\$531,000	\$462,000	\$462,000	\$391,000	\$391,000	\$31,000	\$31,000	\$36,900	\$36,900
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$413,000	\$413,000	\$353,000	\$353,000	\$291,000	\$291,000	\$23,700	\$23,700	\$27,500	\$27,500
<i>Subtotal Unit 4</i>	<i>\$141,000</i>	<i>\$141,000</i>	<i>\$151,000</i>	<i>\$151,000</i>	<i>\$164,000</i>	<i>\$164,000</i>	<i>\$944,000</i>	<i>\$944,000</i>	<i>\$815,000</i>	<i>\$815,000</i>	<i>\$682,000</i>	<i>\$682,000</i>	<i>\$54,800</i>	<i>\$54,800</i>	<i>\$64,400</i>	<i>\$64,400</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$1,090,000</i>	<i>\$1,390,000</i>	<i>\$1,180,000</i>	<i>\$1,510,000</i>	<i>\$1,300,000</i>	<i>\$1,670,000</i>	<i>\$7,970,000</i>	<i>\$7,970,000</i>	<i>\$7,320,000</i>	<i>\$7,320,000</i>	<i>\$6,600,000</i>	<i>\$6,600,000</i>	<i>\$492,000</i>	<i>\$492,000</i>	<i>\$623,000</i>	<i>\$623,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$3,710,000	\$6,610,000	\$2,840,000	\$5,070,000	\$2,100,000	\$3,750,000	\$191,000	\$340,000	\$198,000	\$354,000
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000,000	\$23,200,000	\$9,960,000	\$17,800,000	\$7,370,000	\$13,100,000	\$669,000	\$1,190,000	\$695,000	\$1,240,000
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$16,700,000</i>	<i>\$29,800,000</i>	<i>\$12,800,000</i>	<i>\$22,800,000</i>	<i>\$9,470,000</i>	<i>\$16,900,000</i>	<i>\$860,000</i>	<i>\$1,530,000</i>	<i>\$894,000</i>	<i>\$1,590,000</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$0	\$0	\$0	\$0	\$0	\$0	\$3,720,000	\$5,750,000	\$2,710,000	\$4,150,000	\$1,880,000	\$2,830,000	\$182,000	\$279,000	\$177,000	\$267,000
Minnesota Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$2,360,000	\$3,700,000	\$1,700,000	\$2,650,000	\$1,160,000	\$1,770,000	\$114,000	\$178,000	\$109,000	\$167,000
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$18,500	\$23,500	\$14,200	\$18,000	\$10,500	\$13,300	\$953	\$1,210	\$990	\$1,260
Private Mining Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$9,480	\$9,480	\$7,260	\$7,260	\$5,370	\$5,370	\$488	\$488	\$507	\$507
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$5,910,000	\$8,150,000	\$4,650,000	\$6,280,000	\$3,590,000	\$4,700,000	\$313,000	\$422,000	\$339,000	\$444,000
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$12,000,000</i>	<i>\$17,600,000</i>	<i>\$9,090,000</i>	<i>\$13,100,000</i>	<i>\$6,640,000</i>	<i>\$9,320,000</i>	<i>\$611,000</i>	<i>\$881,000</i>	<i>\$627,000</i>	<i>\$880,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$14,300	\$19,500	\$10,900	\$14,900	\$8,090	\$11,100	\$735	\$1,000	\$763	\$1,040
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Land Management	\$0	\$0	\$0	\$0	\$0	\$0	\$10,100	\$13,800	\$7,760	\$10,600	\$6,100	\$7,840	\$521	\$712	\$576	\$740
Montana Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$118,000	\$162,000	\$90,200	\$124,000	\$66,700	\$91,700	\$6,060	\$8,330	\$6,300	\$8,660
Montana Fish, Wildlife, and Parks	\$0	\$0	\$0	\$0	\$0	\$0	\$2,280,000	\$2,290,000	\$2,280,000	\$2,280,000	\$2,270,000	\$2,280,000	\$153,000	\$153,000	\$215,000	\$215,000
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$221,000	\$306,000	\$170,000	\$235,000	\$126,000	\$174,000	\$11,400	\$15,800	\$11,900	\$16,400
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$61,000	\$84,300	\$46,700	\$64,600	\$34,600	\$47,800	\$3,140	\$4,340	\$3,260	\$4,510
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$75,800	\$105,000	\$58,100	\$80,100	\$43,000	\$59,300	\$3,900	\$5,380	\$4,060	\$5,590
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$3,390,000	\$4,680,000	\$2,600,000	\$3,580,000	\$1,920,000	\$2,650,000	\$175,000	\$241,000	\$182,000	\$250,000
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$6,180,000</i>	<i>\$7,650,000</i>	<i>\$5,260,000</i>	<i>\$6,390,000</i>	<i>\$4,480,000</i>	<i>\$5,320,000</i>	<i>\$354,000</i>	<i>\$430,000</i>	<i>\$423,000</i>	<i>\$502,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept of Fish and Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Washington Dept of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Private Landowners	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$34,900,000</i>	<i>\$55,100,000</i>	<i>\$27,100,000</i>	<i>\$42,300,000</i>	<i>\$20,600,000</i>	<i>\$31,500,000</i>	<i>\$1,820,000</i>	<i>\$2,840,000</i>	<i>\$1,940,000</i>	<i>\$2,980,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$80	\$61	\$61	\$45	\$45	\$4	\$4	\$4	\$4
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$25,700	\$25,700	\$19,700	\$19,700	\$14,600	\$14,600	\$1,330	\$1,330	\$1,380	\$1,380
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$25,800</i>	<i>\$25,800</i>	<i>\$19,800</i>	<i>\$19,800</i>	<i>\$14,600</i>	<i>\$14,600</i>	<i>\$1,330</i>	<i>\$1,330</i>	<i>\$1,380</i>	<i>\$1,380</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$670,000	\$923,000	\$514,000	\$707,000	\$380,000	\$523,000	\$34,500	\$47,500	\$35,900	\$49,400
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$10,100	\$13,800	\$7,760	\$10,600	\$5,740	\$7,840	\$521	\$712	\$542	\$740
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$680,000</i>	<i>\$936,000</i>	<i>\$521,000</i>	<i>\$717,000</i>	<i>\$386,000</i>	<i>\$531,000</i>	<i>\$35,000</i>	<i>\$48,200</i>	<i>\$36,400</i>	<i>\$50,100</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$706,000</i>	<i>\$962,000</i>	<i>\$541,000</i>	<i>\$737,000</i>	<i>\$400,000</i>	<i>\$545,000</i>	<i>\$36,400</i>	<i>\$49,600</i>	<i>\$37,800</i>	<i>\$51,500</i>

APPENDIX F-7. DETAILED IMPACTS TO MINING ACTIVITIES

Final Economic Analysis - October 31, 2006

[illegible]

[illegible]

APPENDIX F-8. DETAILED IMPACTS TO TRIBAL ACTIVITIES

Final Economic Analysis - October 31, 2006

[illegible]

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$13,300	\$13,300	\$13,600	\$13,600	\$14,200	\$14,200	\$92,800	\$2,190,000	\$90,100	\$1,070,000	\$86,800	\$811,000	\$6,050	\$71,700	\$8,190	\$76,600
<i>Subtotal Unit 1</i>	<i>\$13,300</i>	<i>\$13,300</i>	<i>\$13,600</i>	<i>\$13,600</i>	<i>\$14,200</i>	<i>\$14,200</i>	<i>\$92,800</i>	<i>\$2,190,000</i>	<i>\$90,100</i>	<i>\$1,070,000</i>	<i>\$86,800</i>	<i>\$811,000</i>	<i>\$6,050</i>	<i>\$71,700</i>	<i>\$8,190</i>	<i>\$76,600</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tribal Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000	\$2,100,000	\$926,000	\$1,610,000	\$694,000	\$1,200,000	\$62,300	\$109,000	\$65,500	\$114,000
<i>Subtotal Unit 2</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$1,200,000</i>	<i>\$2,100,000</i>	<i>\$926,000</i>	<i>\$1,610,000</i>	<i>\$694,000</i>	<i>\$1,200,000</i>	<i>\$62,300</i>	<i>\$109,000</i>	<i>\$65,500</i>	<i>\$114,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 3</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$13,300</i>	<i>\$13,300</i>	<i>\$13,600</i>	<i>\$13,600</i>	<i>\$14,200</i>	<i>\$14,200</i>	<i>\$1,290,000</i>	<i>\$4,280,000</i>	<i>\$1,020,000</i>	<i>\$2,680,000</i>	<i>\$781,000</i>	<i>\$2,010,000</i>	<i>\$68,300</i>	<i>\$180,000</i>	<i>\$73,700</i>	<i>\$190,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Proposed Critical Habitat</i>																
<i>UNIT 1: MAINE</i>																
National Park Service	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept of Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Maine Dept. of Inland Fish & Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Baxter State Park Authority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$273,000	\$273,000	\$203,000	\$203,000	\$145,000	\$145,000	\$13,700	\$13,700	\$13,700	\$13,700
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$956,000	\$956,000	\$711,000	\$711,000	\$506,000	\$506,000	\$47,800	\$47,800	\$47,800	\$47,800
<i>Subtotal Unit 1</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$1,250,000</i>	<i>\$1,250,000</i>	<i>\$928,000</i>	<i>\$928,000</i>	<i>\$661,000</i>	<i>\$661,000</i>	<i>\$62,400</i>	<i>\$62,400</i>	<i>\$62,400</i>	<i>\$62,400</i>
<i>UNIT 2: MINNESOTA</i>																
Superior National Forest	\$481,000	\$481,000	\$518,000	\$518,000	\$573,000	\$573,000	\$2,350,000	\$2,350,000	\$1,750,000	\$1,750,000	\$1,250,000	\$1,250,000	\$118,000	\$118,000	\$118,000	\$118,000
Minnesota Dept. of Natural Resources	\$68,000	\$68,000	\$73,300	\$73,300	\$81,100	\$81,100	\$822,000	\$822,000	\$611,000	\$611,000	\$435,000	\$435,000	\$41,100	\$41,100	\$41,100	\$41,100
Private Timber Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Private Mining Lands	\$67,500	\$67,500	\$72,800	\$72,800	\$80,500	\$80,500	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Unknown Landowner	\$66,500	\$66,500	\$71,700	\$71,700	\$79,300	\$79,300	\$2,420,000	\$2,420,000	\$1,800,000	\$1,800,000	\$1,280,000	\$1,280,000	\$121,000	\$121,000	\$121,000	\$121,000
<i>Subtotal Unit 2</i>	<i>\$683,000</i>	<i>\$683,000</i>	<i>\$736,000</i>	<i>\$736,000</i>	<i>\$814,000</i>	<i>\$814,000</i>	<i>\$5,630,000</i>	<i>\$5,630,000</i>	<i>\$4,190,000</i>	<i>\$4,190,000</i>	<i>\$2,980,000</i>	<i>\$2,980,000</i>	<i>\$282,000</i>	<i>\$282,000</i>	<i>\$282,000</i>	<i>\$282,000</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
U.S. Fish and Wildlife Service	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
U.S. Bureau of Reclamation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
U.S. Bureau of Land Management	\$68,000	\$68,000	\$73,300	\$73,300	\$81,100	\$81,100	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Montana Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$38,000	\$38,000	\$28,300	\$28,300	\$20,100	\$20,100	\$1,900	\$1,900	\$1,900	\$1,900
Montana Fish, Wildlife, and Parks	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Montana University System	\$0	\$0	\$0	\$0	\$0	\$0	\$152,000	\$152,000	\$113,000	\$113,000	\$80,500	\$80,500	\$7,600	\$7,600	\$7,600	\$7,600
Idaho Dept. of Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Municipal/City Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Private Timber Lands	\$67,000	\$67,000	\$72,200	\$72,200	\$79,900	\$79,900	\$306,000	\$306,000	\$228,000	\$228,000	\$162,000	\$162,000	\$15,300	\$15,300	\$15,300	\$15,300
Conservation NGO	\$0	\$0	\$0	\$0	\$0	\$0	\$38,000	\$38,000	\$28,300	\$28,300	\$20,100	\$20,100	\$1,900	\$1,900	\$1,900	\$1,900
Unknown Landowner	\$0	\$0	\$0	\$0	\$0	\$0	\$1,560,000	\$1,560,000	\$1,160,000	\$1,160,000	\$826,000	\$826,000	\$78,000	\$78,000	\$78,000	\$78,000
<i>Subtotal Unit 3</i>	<i>\$135,000</i>	<i>\$135,000</i>	<i>\$146,000</i>	<i>\$146,000</i>	<i>\$161,000</i>	<i>\$161,000</i>	<i>\$2,150,000</i>	<i>\$2,150,000</i>	<i>\$1,600,000</i>	<i>\$1,600,000</i>	<i>\$1,140,000</i>	<i>\$1,140,000</i>	<i>\$108,000</i>	<i>\$108,000</i>	<i>\$108,000</i>	<i>\$108,000</i>
<i>UNIT 4: NORTH CASCADES</i>																
Washington Dept. of Fish and Wildlife	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Washington Dept. of Natural Resources	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unknown Private Landowners	\$9,500	\$9,500	\$10,200	\$10,200	\$11,300	\$11,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Subtotal Unit 4</i>	<i>\$9,500</i>	<i>\$9,500</i>	<i>\$10,200</i>	<i>\$10,200</i>	<i>\$11,300</i>	<i>\$11,300</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>SUBTOTAL AREAS PROPOSED FOR DESIGNATION</i>	<i>\$827,000</i>	<i>\$827,000</i>	<i>\$892,000</i>	<i>\$892,000</i>	<i>\$986,000</i>	<i>\$986,000</i>	<i>\$9,030,000</i>	<i>\$9,030,000</i>	<i>\$6,720,000</i>	<i>\$6,720,000</i>	<i>\$4,780,000</i>	<i>\$4,780,000</i>	<i>\$452,000</i>	<i>\$452,000</i>	<i>\$452,000</i>	<i>\$452,000</i>

UNIT/SUBUNIT	PAST (UNDISCOUNTED)		PAST PRESENT VALUE 3%		PAST PRESENT VALUE 7%		FUTURE (UNDISCOUNTED)		FUTURE PRESENT VALUE 3%		FUTURE PRESENT VALUE 7%		ANNUALIZED 3%		ANNUALIZED 7%	
	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
<i>Areas Considered for Exclusion</i>																
<i>UNIT 1: MAINE</i>																
Tribal Lands	\$47,500	\$47,500	\$51,200	\$51,200	\$56,600	\$56,600	\$190,000	\$190,000	\$141,000	\$141,000	\$101,000	\$101,000	\$9,500	\$9,500	\$9,500	\$9,500
<i>Subtotal Unit 1</i>	<i>\$47,500</i>	<i>\$47,500</i>	<i>\$51,200</i>	<i>\$51,200</i>	<i>\$56,600</i>	<i>\$56,600</i>	<i>\$190,000</i>	<i>\$190,000</i>	<i>\$141,000</i>	<i>\$141,000</i>	<i>\$101,000</i>	<i>\$101,000</i>	<i>\$9,500</i>	<i>\$9,500</i>	<i>\$9,500</i>	<i>\$9,500</i>
<i>UNIT 2: MINNESOTA</i>																
Voyageurs National Park	\$19,000	\$19,000	\$20,500	\$20,500	\$22,700	\$22,700	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Tribal Lands	\$85,500	\$85,500	\$92,200	\$92,200	\$102,000	\$102,000	\$304,000	\$304,000	\$226,000	\$226,000	\$161,000	\$161,000	\$15,200	\$15,200	\$15,200	\$15,200
<i>Subtotal Unit 2</i>	<i>\$105,000</i>	<i>\$105,000</i>	<i>\$113,000</i>	<i>\$113,000</i>	<i>\$125,000</i>	<i>\$125,000</i>	<i>\$324,000</i>	<i>\$324,000</i>	<i>\$241,000</i>	<i>\$241,000</i>	<i>\$171,000</i>	<i>\$171,000</i>	<i>\$16,200</i>	<i>\$16,200</i>	<i>\$16,200</i>	<i>\$16,200</i>
<i>UNIT 3: NORTHERN ROCKY MOUNTAINS</i>																
Glacier National Park	\$48,500	\$48,500	\$52,300	\$52,300	\$57,800	\$57,800	\$325,000	\$325,000	\$241,000	\$241,000	\$172,000	\$172,000	\$16,200	\$16,200	\$16,200	\$16,200
BLM: Butte Resource Area	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
<i>Subtotal Unit 3</i>	<i>\$48,500</i>	<i>\$48,500</i>	<i>\$52,300</i>	<i>\$52,300</i>	<i>\$57,800</i>	<i>\$57,800</i>	<i>\$344,000</i>	<i>\$344,000</i>	<i>\$256,000</i>	<i>\$256,000</i>	<i>\$182,000</i>	<i>\$182,000</i>	<i>\$17,200</i>	<i>\$17,200</i>	<i>\$17,200</i>	<i>\$17,200</i>
<i>UNIT 4: NORTH CASCADES</i>																
North Cascades National Park	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
Lake Chelan National Recreation Area	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$14,500	\$14,500	\$10,300	\$10,300	\$975	\$975	\$975	\$975
<i>Subtotal Unit 4</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$39,000</i>	<i>\$39,000</i>	<i>\$29,000</i>	<i>\$29,000</i>	<i>\$20,700</i>	<i>\$20,700</i>	<i>\$1,950</i>	<i>\$1,950</i>	<i>\$1,950</i>	<i>\$1,950</i>
SUBTOTAL AREAS CONSIDERED FOR EXCLUSION	<i>\$201,000</i>	<i>\$201,000</i>	<i>\$216,000</i>	<i>\$216,000</i>	<i>\$239,000</i>	<i>\$239,000</i>	<i>\$897,000</i>	<i>\$897,000</i>	<i>\$667,000</i>	<i>\$667,000</i>	<i>\$475,000</i>	<i>\$475,000</i>	<i>\$44,800</i>	<i>\$44,800</i>	<i>\$44,800</i>	<i>\$44,800</i>